# EAST SEARCH HISTORY

| HITS | QUERY | DATABASE | | | |
|---|---|---|---|---|---|
| 2 | 20020071598.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | | | |
| 2 | 6185318.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | | | |
| 66 | (382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and (((inner or dot) adj1 product) or (inner?product or dot?product)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | | | |
| 41 | ((382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and (((inner or dot) adj1 product) or (inner?product or dot?product))) and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | | | |

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| 15 | ((382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and (((inner or dot) adj1 product) or (inner?product or dot?product))) and @ad<20001011 and (fingerprint or finger?print or (finger adj1 print)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 2 | 6487306.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 1146 | (382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and (fingerprint or (finger adj1 print) or finger?print) and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |

| 33 | ((382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and (fingerprint or (finger adj1 print) or finger?print) and @ad<20001011) and interpol$8 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |  |  |  |  |
| 12 | ((382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and (fingerprint or (finger adj1 print) or finger?print) and @ad<20001011) and (interpol$8 with (point or location or position or minuti$4)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |  |  |  |  |

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| 12 | (US-4260646-$ or US-5613013-$ or US-5703958-$ or US-5748766-$ or US-5761330-$ or US-6175407-$ or US-6356649-$ or US-6658140-$ or US-6714665-$).did. or (US-20010016055-$).did. or US-20020097896-$).did. or (JP-63223888-$).did. | USPAT; US-PGPUB; JPO | | | | | | |
| 12 | (((US-4260646-$ or US-5613013-$ or US-5703958-$ or US-5748766-$ or US-5761330-$ or US-6175407-$ or US-6356649-$ or US-6658140-$ or US-6714665-$).did. or (US-20010016055-$).did. or US-20020097896-$).did. or (JP-63223888-$).did.) and (interpol$8 with (point or location or position or minuti$4)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | | | | | | |

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| 33 | (US-5703958-$ or US-5659626-$ or US-5636292-$ or US-4260646-$ or US-4747147-$ or US-4817183-$ or US-5163094-$ or US-5493621-$ or US-5502774-$ or US-5613013-$ or US-5621809-$ or US-5937082-$ or US-6067369-$ or US-6118891-$ or US-6173068-$ or US-6175407-$ or US-6243492-$ or US-6356649-$ or US-6496594-$ or US-6658140-$ or US-6714665-$ or US-5761330-$ or US-5799098-$ or US-5812252-$ or US-5909501-$ or US-5912981-$).did. or (US-5920641-$ or US-5926555-$ or US-5748763-$ or US-5748766-$).did. or (US-20010016055-$ or US-20020097896-$).did. or (JP-63223888-$).did. | USPAT; US-PGPUB; JPO | | | |

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| 33 | ((US-5703958-$ or US-5659626-$ or US-5636292-$ or US-4260646-$ or US-4747147-$ or US-4817183-$ or US-5163094-$ or US-5493621-$ or US-5502774-$ or US-5613013-$ or US-5621809-$ or US-5937082-$ or US-6067369-$ or US-6118891-$ or US-6173068-$ or US-6175407-$ or US-6243492-$ or US-6356649-$ or US-6496594-$ or US-6658140-$ or US-6714665-$ or US-5761330-$ or US-5799098-$ or US-5812252-$ or US-5909501-$ or US-5912981-$).did. or (US-5920641-$ or US-5926555-$ or US-5748763-$ or US-5748766-$).did. or (US-20010016055-$ or US-20020097896-$).did. or (JP-63223888-$).did.) and interpol$8 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |

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| 21 | (((US-5703958-$ or US-5659626-$ or US-5636292-$ or US-4260646-$ or US-4747147-$ or US-4817183-$ or US-5163094-$ or US-5493621-$ or US-5502774-$ or US-5613013-$ or US-5621809-$ or US-5937082-$ or US-6067369-$ or US-6118891-$ or US-6173068-$ or US-6175407-$ or US-6243492-$ or US-6356649-$ or US-6496594-$ or US-6658140-$ or US-6714665-$ or US-5761330-$ or US-5799098-$ or US-5812252-$ or US-5909501-$ or US-5912981-$).did. or (US-5920641-$ or US-5926555-$ or US-5748763-$ or US-5748766-$).did. or (US-20010016055-$ or US-20020097896-$).did. or (JP-63223888-$).did.) and (not ((US-4260646-$ or US-5613013-$ or US-5703958-$ or US-5748766-$ or US-5761330-$ or US-6175407-$ or US-6356649-$ or US-6658140-$ or US-6714665-$).did. or (US-20010016055-$ or US-20020097896-$).did. or (JP-63223888-$).did.)) | USPAT; US-PGPUB; JPO |

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| 21 (US-5799098-$ or US-5812252-$ or US-5909501-$ or US-6496594-$ or US-6243492-$ or US-6173068-$ or US-6118891-$ or US-6067369-$ or US-5937082-$ or US-5926555-$ or US-5912981-$ or US-5920641-$ or US-5636292-$ or US-5621809-$ or US-5502774-$ or US-5493621-$ or US-5163094-$ or US-4817183-$ or US-4747147-$ or US-5748763-$ or US-5659626-$).did. | USPAT |
| 20 ((US-5799098-$ or US-5812252-$ or US-5909501-$ or US-6496594-$ or US-6243492-$ or US-6173068-$ or US-6118891-$ or US-6067369-$ or US-5937082-$ or US-5926555-$ or US-5912981-$ or US-5920641-$ or US-5636292-$ or US-5621809-$ or US-5502774-$ or US-5493621-$ or US-5163094-$ or US-4817183-$ or US-4747147-$ or US-5748763-$ or US-5659626-$).did.) and interpolat$8 | USPAT; US-PGPUB; JPO |

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| 20 (((US-5799098-$ or US-5812252-$ or US-5909501-$ or US-6496594-$ or US-6243492-$ or US-6173068-$ or US-6118891-$ or US-6067369-$ or US-5937082-$ or US-5926555-$ or US-5920641-$ or US-5912981-$ or US-5621809-$ or US-5636292-$ or US-5493621-$ or US-5502774-$ or US-5163094-$ or US-4817183-$ or US-4747147-$ or US-5748763-$ or US-5659626-$).did.) and interpolat$8 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 20 (((US-5799098-$ or US-5812252-$ or US-5909501-$ or US-6496594-$ or US-6243492-$ or US-6173068-$ or US-6118891-$ or US-6067369-$ or US-5937082-$ or US-5926555-$ or US-5920641-$ or US-5912981-$ or US-5621809-$ or US-5636292-$ or US-5493621-$ or US-5502774-$ or US-5163094-$ or US-4817183-$ or US-4747147-$ or US-5748763-$ or US-5659626-$).did.) and interpolat$8 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |

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| 12 | ((382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and (fingerprint or (finger adj1 print) or finger?print) and @ad<20001011) and (interpol$8 with (point or location or position or minuti$4)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 20 | (US-5799098-$ or US-5812252-$ or US-5909501-$ or US-6496594-$ or US-6243492-$ or US-6173068-$ or US-6118891-$ or US-5937082-$ or US-6067369-$ or US-5926555-$ or US-5920641-$ or US-5636292-$ or US-5621809-$ or US-5502774-$ or US-5493621-$ or US-5163094-$ or US-4817183-$ or US-4747147-$ or US-5748763-$ or US-5659626-$).did. | USPAT |

| 17 | (((US-5799098-$ or US-5812252-$ or US-5909501-$ or US-6496594-$ or US-6173068-$ or US-6118891-$ or US-6067369-$ or US-5937082-$ or US-5926555-$ or US-5636292-$ or US-5920641-$ or US-5621809-$ or US-5502774-$ or US-5493621-$ or US-5163094-$ or US-4747147-$ or US-4817183-$ or US-5748763-$ or US-5659626-$).did.) and pixel | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
|---|---|---|
| 82457 | (345.clas. or 382.clas.) and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 58 | (curve or spline or arc or contour) same (interpolat$ with (pixel or point)) same (sub?pixel or subpixel) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 14 | (curve or spline or arc or contour) same (interpolat$ with (pixel or point)) same (sub?pixel or subpixel) and ((345.clas. or 382.clas.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 671 | (curve or spline or arc or contour) same (interpolat$ with (pixel or point)) and ((345.clas. or 382.clas.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 21 | (ridge adj1 flow) with block | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 7 | (US-6658140-$ or US-4817183-$ or US-6487306-$ or US-6263091-$ or US-5845005-$ or US-6185318-$).did. or (US-20020097896-$).did. | USPAT; US-PGPUB |

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| 6 (((US-6658140-$ or US-4817183-$ or US-6487306-$ or US-6263091-$ or US-5845005-$ or US-6185318-$).did. or (US-20020097896-$).did.) and binar$5 | USPAT; US-PGPUB | |
| 1 (US-6487306-$).did. | USPAT | |
| 1 ((US-6487306-$).did.) and (direction or orientation or flow) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 2267 (382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and @ad<20011011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 2750 ((sequence or video or series or several or collection or many or plurality or "set of" or multiple) near5 (finger?print or fingerprint or (finger adj1 print))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |

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| 494 | ((382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and @ad<20011011) and (((sequence or video or series or several or collection or many or plurality or "set of" or multiple) near5 (finger?print or fingerprint or (finger adj1 print)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 2023 | ((sequence or video or series or several or collection or many or plurality or "set of" or multiple) near3 (finger?print or fingerprint or (finger adj1 print))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 871 | ((sequence or video or series or several or collection or many or plurality or "set of" or multiple) near (finger?print or fingerprint or (finger adj1 print))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |

| 871 | ((((sequence or video or series or several or collection or many or plurality or "set of" or multiple) near (finger?print or fingerprint or (finger adj1 print)))) and (((sequence or video or series or several or collection or many or plurality or "set of" or multiple) near5 (finger?print or fingerprint or (finger adj1 print)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
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| 183 | ((((sequence or video or series or several or collection or many or plurality or "set of" or multiple) near (finger?print or fingerprint or (finger adj1 print)))) and ((382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and @ad<20011011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |

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| 105 | (((sequence or video or series or several or collection or many or plurality or "set of" or multiple) near (finger?print or fingerprint or (finger adj1 print)))) and ((382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and @ad<20011011) and (finger?print or fingerprint or (finger adj1 print)).ti. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 1997 | (382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |

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| 549 | ((382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and @ad<20001011) and ((382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and @ad<20011011) and (finger?print or fingerprint or (finger adj1 print)).ti. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |

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| 85 | (((sequence or video or series or several or collection or many or plurality or "set of" or mutiple) near (finger?print or fingerprint or (finger adj1 print)))) and ((382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and @ad<20001011) and (finger?print or fingerprint or (finger adj1 print)).ti. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 1 | (US-6487306-$).did. | USPAT |
| 1 | ((US-6487306-$).did.) and ridge | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 1 | ((382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and @ad<20001011) and ((fingerprint or finger?print or (finger adj1 print)) same (airline near ticket)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |

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| 5 | ((382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and @ad<20001011) and ((fingerprint or finger?print or (finger adj1 print)) with ticket) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 2 | 3318428.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 5 | ((382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and @ad<20001011) and ((fingerprint or finger?print or (finger adj1 print)) same ticket) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |

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| 1027 | ((382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and @ad<20001011) and ((fingerprint or finger?print or (finger adj1 print))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 171 | ((382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and @ad<20001011) and ((fingerprint or finger?print or (finger adj1 print)) same (pass or ticket)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |

| | Search Query | DBs |
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| 5 | ((382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and @ad<20001011) and ((fingerprint or finger?print or (finger adj1 print) and ((airline or airplane or plane) adj ticket)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 5 | (("382") and @ad<20001011) and ((fingerprint or finger?print or (finger adj1 print) same ((airline or airplane or plane) adj ticket)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 10 | (US-6374652-$ or US-5363453-$ or US-6241288-$ or US-6185318-$ or US-6487306-$ or US-4817183-$ or US-6658140-$ or US-5845005-$ or US-6263091-$).did. or (US-20020097896-$).did. | USPAT; US-PGPUB |
| 7 | (((US-6374652-$ or US-5363453-$ or US-6241288-$ or US-6185318-$ or US-6487306-$ or US-4817183-$ or US-6658140-$ or US-5845005-$ or US-6263091-$).did. or (US-20020097896-$).did.) and binar$8 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |

| 11 | Bergenek.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | | |
|---|---|---|---|---|
| 1694 | (382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | | |
| 1027 | ((382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and @ad<20001011) and (fingerprint or finger?print or (finger adj1 print)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | | |

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| 35 | (((382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and @ad<20001011) and (fingerprint or finger?print or (finger adj1 print))) and ((invert$6 or revers$6) near4 image) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 35 | (US-5909501-$ or US-4253086-$ or US-4706600-$ or US-4736203-$ or US-5224174-$ or US-5291560-$ or US-5448649-$ or US-3743421-$ or US-3771124-$ or US-3771129-$ or US-3882462-$ or US-3891968-$ or US-3928842-$ or US-4015240-$ or US-5901239-$ or US-5825924-$ or US-5892599-$ or US-6292576-$ or US-6611614-$ or US-6741729-$ or US-5812252-$ or US-5689576-$ or US-5629764-$ or US-5633947-$ or US-5644645-$ or US-6240200-$).did. or (US-6233348-$ or US-6226391-$ or US-5596454-$ or US-5509083-$ or US-5974163-$ or US-5953442-$ or US-6125192-$ or US-6091839-$).did. or (US-20010040987-$).did. | USPAT; US-PGPUB |

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|---|---|
| 35 | (((US-5909501-$ or US-4253086-$ or US-4706600-$ or US-4736203-$ or US-5224174-$ or US-5291560-$ or US-5448649-$ or US-3743421-$ or US-3771124-$ or US-3771129-$ or US-3882462-$ or US-3891968-$ or US-3928842-$ or US-4015240-$ or US-5901239-$ or US-5825924-$ or US-5892599-$ or US-6292576-$ or US-6611614-$ or US-6741729-$ or US-5812252-$ or US-5689576-$ or US-5629764-$ or US-5633947-$ or US-5644645-$ or US-6240200-$).did. or (US-6233348-$ or US-6226391-$ or US-5596454-$ or US-5509083-$ or US-5974163-$ or US-5953442-$ or US-6125192-$ or US-6091839-$).did. or (US-20010040987-$).did.) and ((invert$6 or revers$6) near4 image) |
| | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |

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| 80 | (((382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and @ad<20001011) and (fingerprint or finger?print or (finger adj1 print))) and (((binar$8 with (twice or repeat$3)) or (binar$8 with (first or second or third or plurality))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |

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|---|---|---|
| 80 | (US-6314196-$ or US-5909501-$ or US-5917928-$ or US-5920641-$ or US-5982914-$ or US-5995641-$ or US-6031942-$ or US-5699449-$ or US-5751835-$ or US-6744909-$ or US-5812252-$ or US-5815252-$ or US-5825924-$ or US-5841886-$ or US-5878158-$ or US-6301375-$ or US-6241288-$ or US-6275601-$ or US-5420937-$ or US-5509083-$ or US-5537484-$ or US-5555314-$ or US-5636292-$ or US-6201886-$ or US-6188780-$ or US-6122395-$).did. or (US-6134340-$ or US-6185317-$ or US-4035769-$ or US-4047154-$ or US-4151512-$ or US-4160237-$ or US-4208651-$ or US-4083035-$ or US-4128850-$ or US-4225850-$ or US-6075876-$ or US-6052474-$ or US-4685145-$ or US-4646352-$ or US-4696046-$ or US-4723298-$ or US-4547898-$ or US-4577345-$ or US-4454610-$ or US-4525859-$ or US-3968475-$ or US-4003024-$ or US-4015240-$ or US-3643216-$ or US-3771128-$ or US-3771129-$ or US-3893080-$).did. or (US-3959769-$ or US-3959884-$ or US-3859633-$ or US-3891968-$ or US-3618019-$ | USPAT; US-PGPUB; JPO | |

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|---|---|---|
| 80 | ((US-6314196-$ or US-5909501-$ or US-5917928-$ or US-5920641-$ or US-5982914-$ or US-5995641-$ or US-6031942-$ or US-5699449-$ or US-5751835-$ or US-6744909-$ or US-5812252-$ or US-5815252-$ or US-5825924-$ or US-5841886-$ or US-5878158-$ or US-6301375-$ or US-6275601-$ or US-6241288-$ or US-5420937-$ or US-5509083-$ or US-5537484-$ or US-5555314-$ or US-6201886-$ or US-5636292-$ or US-6188780-$ or US-6122395-$).did. or (US-6134340-$ or US-6185317-$ or US-4035769-$ or US-4151512-$ or US-4047154-$ or US-4160237-$ or US-4083035-$ or US-4208651-$ or US-4128850-$ or US-6075876-$ or US-4225850-$ or US-6052474-$ or US-4685145-$ or US-4646352-$ or US-4696046-$ or US-4547898-$ or US-4723298-$ or US-4577345-$ or US-4525859-$ or US-4454610-$ or US-3968475-$ or US-4015240-$ or US-4003024-$ or US-3643216-$ or US-3771129-$ or US-3771128-$ or US-3893080-$).did. or (US-3959769-$ or US-3959884-$ or US-3859633-$ or US-3891968-$ or US-3618019-$ | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 1 | (US-6314196-$).did. | USPAT |
| 1 | ((US-6314196-$).did.) and binar$8 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |

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|---|---|---|
| 92 | bolle-r$10.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 6 | bolle-r$10.in. and jain.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 6 | (US-6487306-$ or US-6263091-$ or US-6185318-$ or US-6049621-$ or US-6289112-$ or US-6314197-$).did. | DERWENT |
| 0 | ((US-6487306-$ or US-6263091-$ or US-6185318-$ or US-6049621-$ or US-6289112-$ or US-6314197-$).did.) and bifurc$8 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 0 | ((US-6487306-$ or US-6263091-$ or US-6185318-$ or US-6049621-$ or US-6289112-$ or US-6314197-$).did.) and bif$9 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 15 | bolle-ru$10.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 14 | bolle-r$10.in. and international.as. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 39 | bolle.in. and fingerprint | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 1 | bolle.in. and prun$4.ti. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 1 | bolle.in. and prun$4.ti. and bif$8 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 1 | (US-6314196-$).did. | USPAT |
| 1 | ((US-6314196-$).did.) and pseudo$9 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 1 | (US-6314196-$).did. | USPAT |

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|---|---|---|---|---|---|---|
| 1 | ((US-6314196-$).did.) and bif$8 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | | | | |
| 2 | 6122395.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | | | | |
| 15 | (US-5974163-$ or US-6314196-$ or US-6122395-$ or US-6487306-$ or US-6263091-$ or US-5845005-$ or US-6241288-$ or US-6658140-$ or US-4817183-$ or US-6185318-$ or US-6091839-$ or US-6374652-$ or US-5363453-$ or US-6072895-$).did. or (US-20020097896-$).did. | USPAT; US-PGPUB | | | | |
| 871 | ((((sequence or video or series or several or collection or many or plurality or "set of" or multiple) near (finger?print or fingerprint or (finger adj1 print)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | | | | |
| 1335 | (video or ((sequence or series or several or collection or many or plurality or "set of" or multiple) near image)) same (finger?print or fingerprint or (finger adj1 print)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | | | | |

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| 2267 | ((382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and @ad<20011011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 233 | (((382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and @ad<20011011)) and ((video or ((sequence or series or several or collection or many or plurality or "set of" or multiple) near image)) same (finger?print or fingerprint or (finger adj1 print))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |

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| 1997 | ((382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 200 | (((382/115-127.ccls. or 300/383.ccls. or 300/384.ccls. or 340/5.52.ccls. or 340/5.53.ccls. or 340/5.52.ccls. or 340/5.81.ccls. or 340/5.82.ccls. or 340/5.83.ccls. or 340/5.84.ccls. or 396/15.ccls. or 902/3.ccls. or 283/68-69.ccls.) and @ad<20001011)) and ((video or ((sequence or series or several or collection or many or plurality or "set of" or multiple) near image)) same (finger?print or fingerprint or (finger adj1 print))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 2 | 4525859.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 5 | 0.24 same ntsc | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |

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|---|---|---|
| 138 | 0.24 and ntsc | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 25 | ("0.24" and ntsc) and (348.clas. or 382.clas. or 345.clas. or 356.clas.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 19 | ("0.24" and ntsc) and (348.clas. or 382.clas. or 345.clas. or 356.clas.) and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 19 | ("0.24" and ntsc) and (348.clas. or 382.clas. or 345.clas. or 356.clas.) and @ad<20001011 and (sec or second) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 2 | ("0.24" and ntsc) and (348.clas. or 382.clas. or 345.clas. or 356.clas.) and @ad<20001011 and ("0.24" with (sec or second)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 59 | setlak.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 24 | setlak.in. | USPAT |
| 15 | (US-5748763-$ or US-5841886-$ or US-5699449-$ or US-5636292-$ or US-6292576-$ or US-6024287-$ or US-5524161-$ or US-6091839-$ or US-6128398-$ or US-6137896-$ or US-5848176-$ or US-6002784-$ or US-5557686-$ or US-6002785-$ or US-6501857-$).did. | USPAT |

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| 15 | (US-5748763-$ or US-5841886-$ or US-5699449-$ or US-6292576-$ or US-5636292-$ or US-6024287-$ or US-5524161-$ or US-6091839-$ or US-6128398-$ or US-6137896-$ or US-5848176-$ or US-6002784-$ or US-5557686-$ or US-6002785-$ or US-6501857-$).did. | USPAT |
| 6743 | (((inner or dot) adj1 product) or (inner?product or dot?product) and ((US-5748763-$ or US-5841886-$ or US-5699449-$ or US-5636292-$ or US-6292576-$ or US-6024287-$ or US-5524161-$ or US-6091839-$ or US-6128398-$ or US-6137896-$ or US-5848176-$ or US-6002784-$ or US-5557686-$ or US-6002785-$ or US-6501857-$).did. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 15 | (((((inner or dot) adj1 product) or (inner?product or dot?product)) and ((US-5748763-$ or US-5841886-$ or US-5699449-$ or US-5636292-$ or US-6292576-$ or US-6024287-$ or US-5524161-$ or US-6091839-$ or US-6128398-$ or US-6137896-$ or US-5848176-$ or US-6002784-$ or US-5557686-$ or US-6002785-$ or US-6501857-$).did.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |

| Search Query | Database |
|---|---|
| 16 (US-6122395-$ or US-6374652-$ or US-5363453-$ or US-6091839-$ or US-5974163-$ or US-6185318-$ or US-6487306-$ or US-6072895-$ or US-4817183-$ or US-6241288-$ or US-5845005-$ or US-6658140-$ or US-6314196-$ or US-6263091-$).did. or (US-20020097896-$ or US-20010036299-$).did. | USPAT; US-PGPUB |
| 5 ((US-6122395-$ or US-6374652-$ or US-5363453-$ or US-6091839-$ or US-5974163-$ or US-6185318-$ or US-6487306-$ or US-6072895-$ or US-4817183-$ or US-6241288-$ or US-5845005-$ or US-6658140-$ or US-6314196-$ or US-6263091-$).did. or (US-20020097896-$ or US-20010036299-$).did.) and interp$8 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 392 ((curve) with (interpolat$ with (pixel or point))) and (382.clas. or 345.clas.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 288 ((curve) with (interpolat$ with (pixel or point))) and (382.clas. or 345.clas.) and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 1 ((curve) with (interpolat$ with (pixel or point))) and (382.clas. or 345.clas.) and @ad<20001011 and fingerprint | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 288 ((curve) with (interpolat$ with (pixel or point))) and (382.clas. or 345.clas.) and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |

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| 30 | (((curve) with (interpolat$ with (pixel or point))) and (382.clas. or 345.clas.) and @ad<20001011 and curve.ti. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 3 | (interpolat$ with (pixel) and (382.clas. or 345.clas.) and @ad<20001011 and curve.ti. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 3060 | (interpolat$ with (pixel) and (382.clas. or 345.clas.) and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 614 | ( (interpolat$ with (pixel) with point) and (382.clas. or 345.clas.) and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 29 | (( (interpolat$ with (pixel)) with point) same curve) and (382.clas. or 345.clas.) and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 91 | (((fit$6 near (curve or contour or spline)) same image) same interpolation) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 143750 | (382.clas. or 345.clas. or 356.clas.) and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 37 | ((((fit$6 near (curve or contour or spline)) same image) same interpolation)) and ((382.clas. or 345.clas. or 356.clas.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 25 | ((((fit$6 near (curve or contour or spline)) with image) same interpolation) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 0 | (((((fit$6 near (curve or contour or spline)) with image) same interpolation)) and 1=0 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |

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|---|---|---|
| 10 | (((((fit$6 near (curve or contour or spline)) with image)) same interpolation)) and ((382.clas. or 345.clas. or 356.clas.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 24 | (((fit$6 near (curve or contour or spline)) with pixel) same interpolation) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 11 | (((((fit$6 near (curve or contour or spline)) with pixel) same interpolation)) and ((382.clas. or 345.clas. or 356.clas.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 168 | curve with (subpixel or sub?pixel or ("sub" adj1 pixel)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 40 | curve with (subpixel or sub?pixel or ("sub" adj1 pixel)) and ((382.clas. or 345.clas. or 356.clas.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 93 | (curve with (image) with (continous or smooth)) and ((382.clas. or 345.clas. or 356.clas.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 5 | (curve with (image) with (continous or smooth)) and ((382.clas. or 345.clas. or 356.clas.) and @ad<20001011) and fingerprint | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 5 | (US-5963679-$ or US-5852670-$ or US-5828773-$ or US-5956415-$ or US-6678411-$).did. | USPAT |

| | Search Query | Databases |
|---|---|---|
| 5 | (curve with (image) with (continous or smooth)) and ((382.clas. or 345.clas. or 356.clas.) and @ad<20001011) and ((US-5963679-$ or US-5852670-$ or US-5828773-$ or US-5956415-$ or US-6678411-$).did,.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 0 | ((cruve or contour) with ("from" near3 image)) and ((382.clas. or 345.clas. or 356.clas.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 0 | ((curve or contour) with ("from" near3 image)) and ((382.clas. or 345.clas. or 356.clas.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 0 | (("from" near3 image)) and ((382.clas. or 345.clas. or 356.clas.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 0 | ((from near3 image)) and ((382.clas. or 345.clas. or 356.clas.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 513 | ((((obtain$6 or deriv$8 or get or determin$6 or acqui$8 or genera$8 or produc$8) near3 curve) with (image)) and ((382.clas. or 345.clas. or 356.clas.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 82496 | (382.clas. or 345.clas.) and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |

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| 425 | (((obtain$6 or deriv$8 or get or determin$6 or acqui$8 or genera$8 or produc$8) near3 curve) with (image)) and ((382.clas. or 345.clas.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 354 | (((obtain$6 or deriv$8 or acqui$8 or genera$8 or produc$8) near3 curve) with (image)) and ((382.clas. or 345.clas.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 344 | (((obtain$6 or derive or deriving or derived or derivation or acqui$8 or genera$8 or produc$8) near3 curve) with (image)) and ((382.clas. or 345.clas.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 216 | (((obtain$6 or derive or deriving or derived or derivation or acqui$8 or genera$8 or produc$8) near3 curve) near5 (image)) and ((382.clas. or 345.clas.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 4 | (((obtain$6 or derive or deriving or derived or derivation or acqui$8 or genera$8 or produc$8) near3 curve) near5 (image)) and ((382.clas. or 345.clas.) and @ad<20001011) and fingerprint | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 4 | (US-5163094-$ or US-5040224-$ or US-4975969-$ or US-3928842-$).did. | USPAT |

| Query | Databases | | | | | | |
|---|---|---|---|---|---|---|---|
| 4 (((obtain$6 or derive or deriving or derived or derivation or acqui$8 or genera$8 or produc$8) near3 curve) near5 (image)) and ((382.clas. or 345.clas.) and @ad<20001011) and ((US-5163094-$ or US-5040224-$ or US-4975969-$ or US-3928842-$).did.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | | | | | | |
| 61 ((curve near (extract$8)) with image) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | | | | | | |
| 18 ((curve near (extract$8)) with image) and ((382.clas. or 345.clas.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | | | | | | |
| 4 ((curve near (extract$8)) with image) and fingerprint | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | | | | | | |
| 18 (US-5040224-$ or US-5506947-$ or US-5579444-$ or US-5680471-$ or US-5742279-$ or US-6040825-$ or US-5867592-$ or US-5870493-$ or US-5951475-$ or US-5953451-$ or US-6694057-$ or US-6317617-$ or US-6108444-$ or US-6621941-$ or US-6424746-$ or US-6289136-$ or US-6408105-$).did. or (EP-441972-$).did. | USPAT; EPO | | | | | | |

| | | |
|---|---|---|
| 5 (((US-5040224-$ or US-5506947-$ or US-5579444-$ or US-5680471-$ or US-5742279-$ or US-6040825-$ or US-5867592-$ or US-5870493-$ or US-5951475-$ or US-5953451-$ or US-6694057-$ or US-6317617-$ or US-6108444-$ or US-6621941-$ or US-6424746-$ or US-6289136-$ or US-6408105-$).did. or (EP-441972-$).did.) and interpo$8 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 5 (((curve near (extract$8)) with image) and ((382.clas. or 345.clas.) and @ad<20001011)) and interpo$8 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 4 ((((obtain$6 or derive or deriving or derived or derivation or acqui$8 or genera$8 or produc$8 or extract$8) near3 curve) near5 (image)) and ((382.clas. or 345.clas.) and @ad<20001011) and ((US-5163094-$ or US-5040224-$ or US-4975969-$ or US-3928842-$).did.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 231 (((((obtain$6 or derive or deriving or derived or derivation or acqui$8 or genera$8 or produc$8 or extract$8) near3 curve) near5 (image)) and ((382.clas. or 345.clas.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |

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|---|---|---|
| 1 (((obtain$6 or derive or deriving or derived or derivation or acqui$8 or genera$8 or produc$8 or extract$8) near3 curve) near5 (image)).ti. and ((382.clas. or 345.clas.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 1 ((((obtain$6 or derive or deriving or derived or derivation or acqui$8 or genera$8 or produc$8 or extract$8) near3 curve) near5 (image)) with (subpixel or sub?pixel or ("sub" adj1 pixel))) and ((382.clas. or 345.clas.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 1 ((((obtain$6 or derive or deriving or derived or derivation or acqui$8 or genera$8 or produc$8 or extract$8) near3 curve) near5 (image)) with (subpixel or sub?pixel or ("sub" adj1 pixel))) and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 1 ((((obtain$6 or derive or deriving or derived or derivation or acqui$8 or genera$8 or produc$8 or extract$8) near3 curve) near5 (image)) same (subpixel or sub?pixel or ("sub" adj1 pixel))) and ((382.clas. or 345.clas.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |

| | | | |
|---|---|---|---|
| 1 (((((obtain$6 or derive or deriving or derived or derivation or acqui$8 or genera$8 or produc$8 or extract$8) near3 curve) near5 (image) same (subpixel or sub?pixel or ("sub" adj1 pixel))) and ((382.clas. or 345.clas.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | | |
| 2 (((((obtain$6 or derive or deriving or derived or derivation or acqui$8 or genera$8 or produc$8 or extract$8) near3 curve) with (image) same (subpixel or sub?pixel or ("sub" adj1 pixel))) and ((382.clas. or 345.clas.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | | |
| 2 ((((obtain$6 or derive or deriving or derived or derivation or acqui$8 or genera$8 or produc$8 or extract$8) with curve) with (image) same (subpixel or sub?pixel or ("sub" adj1 pixel))) and ((382.clas. or 345.clas.) and @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | | |
| 785 ((((obtain$6 or derive or deriving or derived or derivation or acqui$8 or genera$8 or produc$8 or extract$8) with curve) with (image)) and ((382.clas. or 345.clas. or @ad<20001011) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | | |

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|---|---|
| 17 ((((obtain$6 or derive or deriving or derived or derivation or acqui$8 or genera$8 or produc$8 or extract$8) with curve) with (image))) and ((382.clas. or 345.clas.) and @ad<20001011) and fingerprint | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 17 (US-5742279-$ or US-5754694-$ or US-5956415-$ or US-5963679-$ or US-5982934-$ or US-6040825-$ or US-6763127-$ or US-5828773-$ or US-5852670-$ or US-4975969-$ or US-3928842-$ or US-5040224-$ or US-4792226-$ or US-4811414-$ or US-5054094-$ or (EP-5163094-$).did. or (EP-339527-$).did. | USPAT; EPO |
| 17 ((((obtain$6 or derive or deriving or derived or derivation or acqui$8 or genera$8 or produc$8 or extract$8) with curve) with (image))) and ((382.clas. or 345.clas.) and @ad<20001011) and ((US-5742279-$ or US-5754694-$ or US-5956415-$ or US-5963679-$ or US-5982934-$ or US-6040825-$ or US-6763127-$ or US-5828773-$ or US-5852670-$ or US-4975969-$ or US-3928842-$ or US-5040224-$ or US-4792226-$ or US-4811414-$ or US-5054094-$ or (EP-5163094-$).did. or (EP-339527-$).did.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |

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|---|---|---|---|
| 82496 | (382.clas. or 345.clas.) and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 300 | (fit$8 near3 (curve or spline or contour)) with pixel | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 142 | curve near reconstruct$8 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 97 | curve near reconstruct$8 and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 0 | (curve near reconstruct$8) same imate and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 12 | (curve near reconstruct$8) same image and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 1 | (US-4817183-$).did. | USPAT | |
| 1 | ((US-4817183-$).did.) and minut$6 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 1271 | fingerprint and interpol$6 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 539 | fingerprint and (interpol$6 same image) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 567 | fingerprint and (interpol$6 same (image or pixel)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 176 | fingerprint and (interpol$6 same (image or pixel)) and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |

| 176 | (US-6785016-$ or US-6786420-$ or US-6788336-$ or US-6789191-$ or US-6789194-$ or US-6535618-$ or US-6539095-$ or US-6539112-$ or US-6542618-$ or US-6542620-$ or US-6542645-$ or US-6549804-$ or US-6549935-$ or US-6553129-$ or US-6556720-$ or US-6560349-$ or US-6567533-$ or US-6587821-$ or US-6591017-$ or US-6614914-$ or US-6633671-$ or US-6636216-$ or US-6643406-$ or US-6647128-$ or US-6658140-$ or US-6658164-$).did. or (US-6665454-$ or US-6671414-$ or US-6675210-$ or US-6678423-$ or US-6678499-$ or US-6679420-$ or US-6681029-$ or US-6681045-$ or US-6698653-$ or US-6700990-$ or US-6714665-$ or US-6720985-$ or US-6727996-$ or US-6728000-$ or US-6737591-$ or US-6750011-$ or US-6750901-$ or US-6760119-$ or US-6766942-$ or US-6775392-$ or US-6775419-$ or US-6782132-$ or US-6233347-$ or US-6252963-$ or US-6256350-$ or US-6266430-$ or US-6281882-$).did. or (US-6286036-$ or US-6289108-$ or US-6298176-$ or US-6315200-$ or US-6317192-$ | USPAT; US-PGPUB; JPO; DERWENT |

| # | Query | Database |
|---|---|---|
| 176 | (((US-6785016-$ or US-6786420-$ or US-6788336-$ or US-6789191-$ or US-6789194-$ or US-6535618-$ or US-6539095-$ or US-6539112-$ or US-6542618-$ or US-6542620-$ or US-6542645-$ or US-6549804-$ or US-6549935-$ or US-6553129-$ or US-6556720-$ or US-6560349-$ or US-6567533-$ or US-6587821-$ or US-6591017-$ or US-6614914-$ or US-6633671-$ or US-6636216-$ or US-6643406-$ or US-6647128-$ or US-6658140-$ or US-6658164-$).did. or (US-6665454-$ or US-6671414-$ or US-6675210-$ or US-6678423-$ or US-6678499-$ or US-6679420-$ or US-6681029-$ or US-6681045-$ or US-6698653-$ or US-6700990-$ or US-6714665-$ or US-6720985-$ or US-6727996-$ or US-6728000-$ or US-6737591-$ or US-6750011-$ or US-6750901-$ or US-6760119-$ or US-6766942-$ or US-6775392-$ or US-6775419-$ or US-6782132-$ or US-6233347-$ or US-6252963-$ or US-6256350-$ or US-6266430-$ or US-6281882-$).did. or (US-6286036-$ or US-6289108-$ or US-6298176-$ or US-6315200-$ or US-6317192-$ | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 1 | (US-4817183-$).did. and pixel | USPAT |
| 2 | (((center or centroid or (center adj2 mass)) near3 pixel) with point with curve) same fit$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |

| | | |
|---|---|---|
| 2 | (((center or centroid or (center adj2 mass)) near3 pixel) with point with (curve or spline)) same fit$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 14 | ((((center or centroid or (center adj2 mass)) near3 pixel) same point same (curve or spline)) same fit$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 9 | (((center or centroid or (center adj2 mass)) near3 pixel) same point same (curve or spline)) same fit$4 and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 20 | (((center or centroid or (center adj2 mass)) near3 pixel) same (curve or spline)) same fit$4 and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 212 | (pixel with (curve or spline) with fit$4) and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 16 | (pixel with (spline) with fit$4) and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 5 | 5454070.URPN. | USPAT |
| 3 | ("4910786" | "4949281" | "5172423").PN. | USPAT |
| 9 | 5172423.URPN. | USPAT |
| 79 | ((adjacent near pixel) with point with interpol$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 63 | ((adjacent near pixel) with point with interpol$5) and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 27 | ((adjacent near pixel) with point with interpol$5) and @ad<20001011 and (382.clas. or 345.clas.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 1 | (US-5454070-$).did. | USPAT |

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|---|---|---|
| 0 (US-5454070-$).did. and intperpol$8 | USPAT | |
| 1 (US-5454070-$).did. and interpol$8 | USPAT | |
| 10 (((adjacent near pixel) with interpol$5) same curve) and @ad<20001011 and (382.clas. or 345.clas.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 0 (((adjacent near pixel) with interpol$5) same (control adj point)) and @ad<20001011 and (382.clas. or 345.clas.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 6 (((adjacent near pixel) with interpol$5) and (control adj point)) and @ad<20001011 and (382.clas. or 345.clas.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 27 (((adjacent near pixel) with interpol$5) with (point)) and @ad<20001011 and (382.clas. or 345.clas.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 63 (((adjacent near pixel) with interpol$5) with (point)) and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 2 (((adjacent near pixel) with interpol$5) with (point)) same curve) and @ad<20001011 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 1 (US-5454070-$).did. | USPAT | |
| 1 (((US-5454070-$).did.) and node | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 2 6282773.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 0 6828773.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |
| 2 5828773.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | |

| 8 | (("6487306") or ("4817183") or<br>("6314196") or ("6241288") or<br>("5974163") or ("5828773") or<br>("6263091") or<br>("5454070")).PN. | USPAT | | | | |
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# EAST SEARCH TAGGED

| patent # | type | pub date | title | class1 | class2 | inventor |
|---|---|---|---|---|---|---|
| US 6185318 B1 | USPAT | 20010206 | System and method for matching (fingerprint) images an aligned string-based representation | 382/125 | 382/115; 382/124; 382/195 | Jain, Anil K. et al. |
| US 6091839 A | USPAT | 20000718 | Fingerprint characteristic extraction apparatus as well as fingerprint classification apparatus and fingerprint verification apparatus for use with fingerprint characteristic extraction apparatus | 382/125 | 382/116 | Uchida, Kaoru |
| US 6487306 B1 | USPAT | 20021126 | System and method for deriving a string-based representation of a fingerprint image | 382/125 | 382/201 | Jain, Anil K. et al. |
| US 20020097896 A1 | US-PGPUB | 20020725 | DEVICE AND METHOD FOR SCANNING AND MAPPING A SURFACE | 382/124 | | KUCKENDAHL, LARS |
| US 6658140 B1 | USPAT | 20031202 | Method and arrangement for obtaining image information relating to surface structures | 382/127 | 340/5.83; 356/71; 382/115; 382/124 | Hillmann, Juergen et al. |
| US 4817183 A | USPAT | 19890328 | Fingerprint recognition and retrieval system | 382/125 | 382/204 | Sparrow, Malcolm K. |
| US 6263091 B1 | USPAT | 20010717 | System and method for identifying foreground and background portions of digitized images | 382/125 | 382/124; 382/173; 382/190; 382/197 | Jain, Anil K. et al. |
| US 5845005 A | USPAT | 19981201 | Apparatus for fingerprint indexing and searching | 382/124 | 707/6 | Setlak, Dale R. et al. |
| US 20010036299 A1 | US-PGPUB | 20011101 | COMBINED FINGERPRINT ACQUISITION AND CONTROL DEVICE | 382/124 | | SENIOR, ANDREW WILLIAM |
| US 6314196 B1 | USPAT | 20011106 | Fingerprint registering method and fingerprint checking device | 382/125 | 257/E27.153; 257/E27.159; 382/115; 382/116; 382/119; 382/124 | Yamaguchi, Masahiko et al. |

| Patent No. | Source | Date | Title | Class | Cross-references | Inventor |
|---|---|---|---|---|---|---|
| US 6241288 B1 | USPAT | 20010605 | Fingerprint identification/verification system | 283/67 | 283/69; 283/78; 382/116; 382/124; 396/15 | Bergenek, Jerker et al. |
| US 6122395 A | USPAT | 20000919 | Fingerprint dictionary image renewing method | 382/125 | | Yamaguchi, Masahiko et al. |
| US 5974163 A | USPAT | 19991026 | Fingerprint classification system | 382/125 | 382/228 | Kamei, Toshio |
| US 5363453 A | USPAT | 19941108 | Non-minutiae automatic fingerprint identification system and methods | 382/125 | | Gagne, Patricia C. et al. |
| US 6374652 B1 | USPAT | 20020423 | Locking doorknob which recognizes a finger print | 70/277 | 292/350; 340/5.53; 382/124; 70/278.1; 70/283 | Hwang, Moon Sung |
| US 6072895 A | USPAT | 20000606 | System and method using minutiae pruning for fingerprint image processing | 382/125 | 382/190; 382/209 | Bolle, Rudolf Maarten et al. |
| US 5454070 A | USPAT | 19950926 | Pixel to spline based region conversion method | 345/589 | 345/441; 345/442 | Donelly, Ross A. et al. |